

Area-Wide Optimization Program



The SC Area-Wide Optimization Program is an effort to optimize the performance of existing surface water treatment facilities. The focus of the program is to optimize particle removal and disinfection at all filtration plants to maximize public health protection from microbial contaminants.

SC DHEC has adopted optimized performance criteria as goals for all surface water treatment plants in the state.

Optimized Performance Criteria

Sedimentation/Clarification Performance Criteria:

- Settled water turbidity of less than 2 NTU 95 percent of the time where average annual raw water turbidity is greater than 10 NTU.
- Settled water turbidity of less than 1 NTU 95 percent of the time where average annual raw water turbidity is less than or equal to 10 NTU.

Filtration Performance Criteria:

- Filtered water turbidity of less than 0.1 NTU in 95 percent of the maximum turbidity samples reported each day (excluding 15 minute period following filter backwash).
 - Maximum filtered water turbidity of 0.3 NTU.
-



www.scdhec.net/water
www.cdwo.org

For further information, contact the AWOP Coordinator at (803) 898-3543.